



# Crop Progress and Condition

## National Agricultural Statistics Service

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**ALASKA:** There were 5.0 days suitable for fieldwork last week as most of the major growing areas had several days with rain. Topsoil moisture supplies were reported as 10% short, 90% adequate. Subsoil moisture supplies were also reported as 10% short, 90% adequate. Barley was reported as 15% in-boot. Oats were reported as 100% pre-boot. Potatoes were reported as 90% emerged. First cutting of hay was 5% complete. Condition of barley was reported 5% very poor, 25% poor, 50% fair, 20% good. Condition of oats was reported 5% very poor, 25% poor, 40% fair, 30% good. Condition of all hay was reported 20% poor, 50% fair, 30% good. Wind and rain damage to crops was reported as 98% none, 2% light. Rate of crop growth was reported as 75% moderate, 25% rapid. The main farm activities for the week were harvesting hay or preparing for harvest, weed control, field cultivation, farm and fence maintenance.

### CROP WEATHER SUMMARY

June 23 – June 29, 2014

Days Suitable for Fieldwork: 5.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	10%	10%
Adequate	90%	90%
Surplus	0%	0%
Pan Evaporation <sup>1/</sup> UAF-AFES, Trunk Rd		0.77

**TANANA VALLEY:** An average of 4.0 days was suitable for fieldwork. Topsoil moisture and subsoil moisture were both reported as 100% adequate. Barley was reported as 15% in-boot. Oats were as 100% pre-boot. Potatoes were reported as 90% emerged. Condition of barley was reported 5% very poor, 25% poor, 50% fair, 20% good. Condition of oats was reported 5% very poor, 30% poor, 40% fair, 25% good. Condition of all hay was reported as 30% poor, 60% fair, 10% good. No wind and rain damage to crops was reported. Rate of crop growth was reported as 75% moderate, 25% rapid. Farm activities for the week included beginning brome hay harvest, spraying weeds, seeding grass, fence construction and maintenance. Farmer's market produce included lettuce, green onions, herbs and early cucumbers.

**MATANUSKA VALLEY:** An average of 6.0 days was suitable for fieldwork. Topsoil moisture was reported as 10% very short, 10% short, 80% adequate. Subsoil moisture was reported as 20% short, 80% adequate. Potatoes were reported as 95% emerged. Hay harvest was 5% complete. Condition of all hay was reported as 10% poor, 50% fair, 40% good. Wind and rain to crops was reported as 98% none, 2% light. Rate of crop growth was reported as 70% moderate, 30% rapid. Farm activities for the week included cutting hay, harvesting vegetables, irrigating, weed control, field tillage, farm maintenance.

**KENAI PENINSULA:** An average of 5.0 days was suitable for fieldwork. Topsoil and subsoil moisture were both reported as 100% adequate. Condition of all hay was reported as 95% good, 5% excellent. No damage to crops from wind and rain was reported. Rate of crop growth was reported as 85% moderate, 15% rapid. Farm activities for the week included preparing for hay harvest, farm maintenance.

### Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	58	56	58	55	55	na	73	43	1.03
Sawmill Creek	49	57	55	na	na	na	71	33	1.22
Plant Materials Center	55	62	54	57	61	50	74	43	1.42

<sup>1/</sup> Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

## Weekly Weather Statistics — Alaska: June 23 - June 29, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	74	48	58	-5	1.40	3	3.45	+1.50	16	305	-21	852
Fairbanks-Eielson .....	73	44	55	-7	1.54	3	2.31	-0.02	7	187	-118	667
Nenana .....	72	40	55	-6	1.77	5	5.42	+4.02	17	200	-69	703
Fort Greely-Allen .....	70	43	55	-6	1.39	3	4.90	+1.84	18	173	-109	668
Healy River Airport.....	69	43	53	-6	1.05	5	2.86	-0.08	23	115	-83	604
Gulkana Airport.....	73	33	51	-5	0.88	4	1.84	-0.23	12	50	-61	566
Sutton .....	70	43	52	-4	1.04	6	4.15	+1.90	28	70	-49	596
Palmer .....	72	45	54	-3	1.09	4	2.66	+0.75	16	190	+2	769
Talkeetna .....	76	42	53	-5	2.15	5	5.07	+1.11	24	154	-19	701
Willow Airport.....	72	47	55	-2	1.22	6	4.17	+2.56	27	201	+51	782
Anchorage International .....	69	48	55	-2	1.25	5	3.61	+1.89	19	216	+49	798
Kenai.....	70	39	52	-2	1.06	6	3.29	+1.29	24	64	-8	531
Homer.....	67	43	54	+3	0.12	3	2.39	+0.40	21	92	+35	644
Kodiak.....	72	40	53	+2	0.05	1	7.39	-4.14	16	90	+35	598

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955.

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